

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D407-797-1 REV. B AND EARLIER,  
INSTALLATION INSTRUCTIONS IIN-D206-797-2 REV. B AND EARLIER, AND  
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D407-797 REV. 1 AND EARLIER

REF. TCCA STC: SH11-1  
REF. FAA STC: SR02996NY  
REF. EASA STC: 10035429

## 1.0 PURPOSE:

It has come to DART's attention that the webbing strands of the cargo net riveted to the structure of the lightweight lids on D407-797-013/-014 and D206-797-023/-024 Hell-Utility-Baskets at CHG 004 and earlier may pull through the small washer and rivet head and detach during operation.

The purpose of this service instruction is to provide parts and instructions to replace the NAS1149DN416J Washers and MS20600AD4W3 Rivets fastening the webbing strands of the cargo net onto the structure of the lightweight lids with NAS1149DN949J Washers and MS20600AD4W4 Rivets.

**Note:** This change has been incorporated at a manufacturing level on D407-797-013/-014 and D206-797-023/-024 Hell-Utility-Baskets at CHG 005 and subsequent and on D407-797-101 Light Weight Lid Kit at CHG 002 and subsequent.

## 2.0 PROCEDURE:

- 2.1 Carefully remove existing rivets and washers attaching the webbing to the lid frame without enlarging holes in the webbing or the lid frame.
- 2.2 Inspect the basket lid structure in accordance with ICA-D407-797. It is acceptable to inject Sikaflex -241/-291 or Proseal 890 or MIL-S-8802 Class B2 sealant into the lid structure to trap rivet debris inside the tubular structure. Repair and touch up finish as required.
- 2.3 Inspect the D4029-041 Webbing for wear. The maximum acceptable hole size is Ø0.188" (4.8 mm). Replace the webbing if holes are larger than Ø0.188" (4.8 mm) or if the webbing is worn or cuts have been found.
- 2.4 Re-install the webbing as shown in Figure 1 of this service instruction

**Note:** It is acceptable to upsize rivets to MS20600AD5W4 (customer supplied) and enlarge the holes in the basket lid structure to Ø0.156" (3.96 mm) if holes were enlarged at Step 2.1.







## 3.0 PARTS LIST

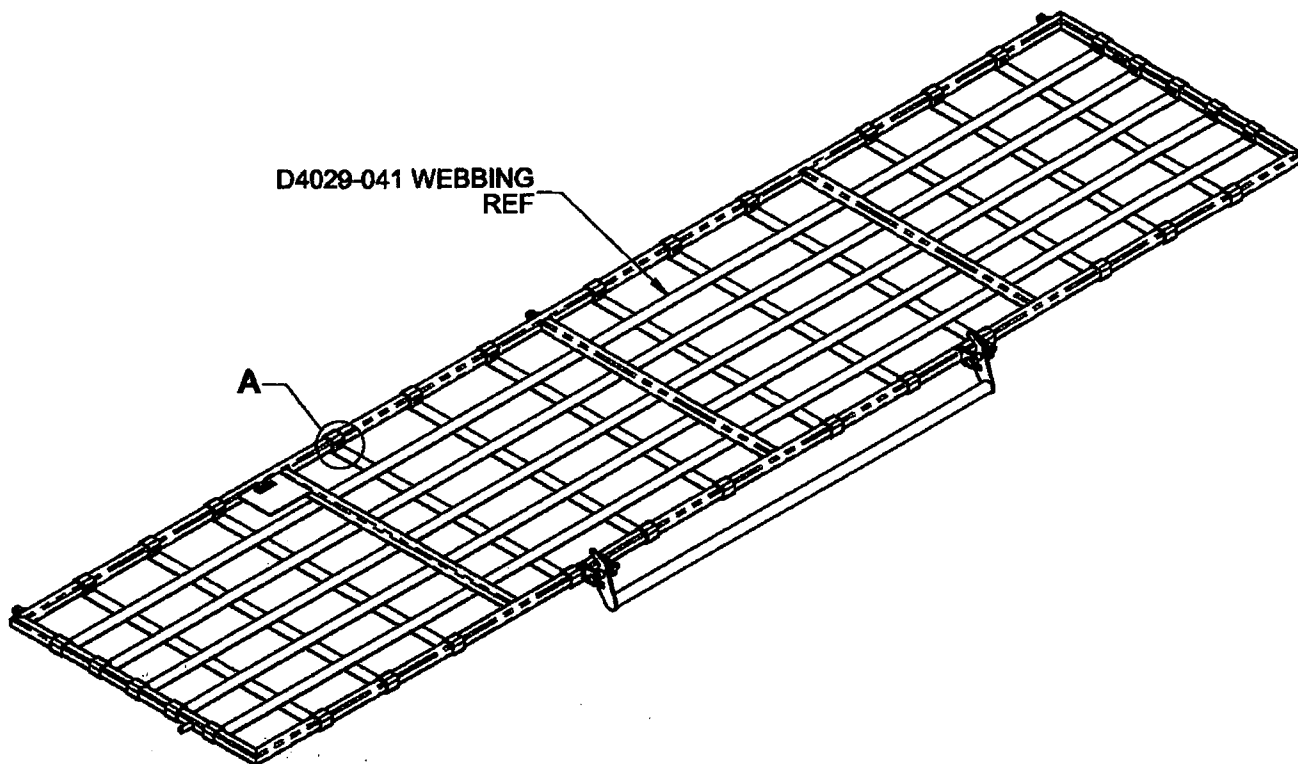
QTY	PART NUMBER	DESCRIPTION
-011		
X	DSI 9658-011	WASHER CHANGE
34	MS20600AD4W4	BLIND RIVET
34	NAS1149DN949J	WASHER

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

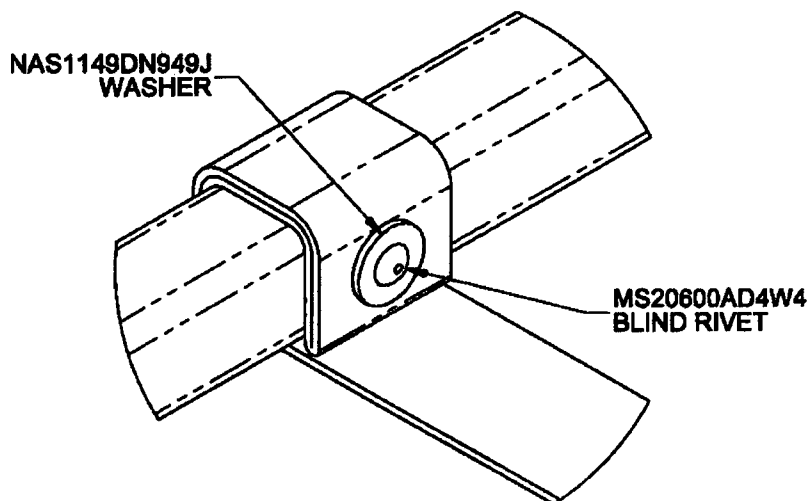
APPROVED  
BY:   
D. SHEPHERD (DE # 02)

DATE: 13.06.06  
CERT. NO.: SH11-1  
ISSUE NO.: 2

A	NEW ISSUE	MB	13.06.06
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		DSI 9658	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		WASHER CHANGE	NTS
DATE	13.06.06	COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



**FIGURE 1: D3915-041 BASKET LID ASSY (LIGHT WEIGHT)**



**DETAIL A: RIVET/WASHER REPLACEMENT**

34 PL

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY: *[Signature]*  
D. SHEPHERD (DE # 02)

DATE: 13.06.06  
CERT. NO.: SH11-1  
ISSUE NO.: 2

DESIGN	<i>[Signature]</i>	<b>DART AEROSPACE LTD</b>	
DRAWN	<i>[Signature]</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	<b>DSI 9658</b>	SHEET 2 OF 2
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	<b>WASHER CHANGE</b>	NTS
DATE	13.06.06	<small>COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	